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00:00:00,000 --> 00:00:07,000

on this invigorating episode of Mythbusters.

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00:00:07,000 --> 00:00:19,000

We're turning the heat on three frosty Alaskan fables.

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00:00:19,000 --> 00:00:22,000

This is perfect for an Alaska adventure.

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00:00:22,000 --> 00:00:26,000

Adam and Jamie prove this is no country for cold men.

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00:00:26,000 --> 00:00:29,000

Oh great, we got a yeti outside.

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00:00:29,000 --> 00:00:31,000

Cabin fever takes its toll.

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00:00:31,000 --> 00:00:34,000

I've just had the worst state of sleep I've ever had in my life.

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00:00:34,000 --> 00:00:47,000

Tori, Grant and Carrie see if hitting the gas might lessen the damage caused by Alaska's scariest roadkill.

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00:00:47,000 --> 00:00:55,000

And we'll see if a dynamite toting dog really could devastate a drunken duck hunter's brand new SUV.

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00:00:55,000 --> 00:00:57,000

Bye bye.

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00:01:00,000 --> 00:01:02,000

Who are the Mythbusters?

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00:01:02,000 --> 00:01:04,000

Did you know what was lurking in your basement?

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00:01:04,000 --> 00:01:05,000

Adam Savage.

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00:01:05,000 --> 00:01:07,000

I am the fire ninja.

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00:01:07,000 --> 00:01:09,000

And Jamie Heineman.

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00:01:09,000 --> 00:01:11,000

Is that beautiful or what?

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00:01:11,000 --> 00:01:16,000

Between them more than 30 years of special effects experience.

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00:01:16,000 --> 00:01:17,000

Wow!

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00:01:17,000 --> 00:01:21,000

Joining them, Tori Bellachy.

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00:01:21,000 --> 00:01:23,000

I've been a bad player.

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00:01:23,000 --> 00:01:25,000

Grant Imahara.

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00:01:25,000 --> 00:01:27,000

And Carrie Byron.

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00:01:28,000 --> 00:01:29,000

Let's do it.

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00:01:29,000 --> 00:01:34,000

They don't just tell the Myths, they get them to the tetra.

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00:01:43,000 --> 00:01:46,000

That is an iceberg.

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00:01:46,000 --> 00:01:50,000

It's really cold here, but it's also really beautiful.

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00:01:50,000 --> 00:01:53,000

This place has a mythology all its own.

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00:01:53,000 --> 00:01:57,000

So we've got a full hour of Alaska myths.

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00:01:57,000 --> 00:02:03,000

Tourism types up here mark at the 49th state as the land of intensity.

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00:02:03,000 --> 00:02:13,000

It's twice the size of Texas, so we figure it's big and intense enough to handle some high impact myth busting.

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00:02:15,000 --> 00:02:19,000

Like most of our favorite myths, this one involves some drunken friends and explosives.

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00:02:19,000 --> 00:02:23,000

You've got a group of drunken friends, one of whom just bought a brand new SUV.

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00:02:23,000 --> 00:02:26,000

And they all decide that they want to go duck hunting with their dog.

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00:02:26,000 --> 00:02:30,000

Except there's nothing around them but a frozen lake and no duck is going to land on a frozen lake.

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00:02:30,000 --> 00:02:32,000

So they need to make a hole.

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00:02:32,000 --> 00:02:36,000

One of them offers up a stick of dynamite with a 20 second fuse to make a big hole.

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00:02:36,000 --> 00:02:38,000

And throws that stick of dynamite as hard as he can.

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00:02:38,000 --> 00:02:40,000

I can see what's coming.

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00:02:40,000 --> 00:02:48,000

The dog, following its natural impulses, chases after that stick of dynamite, catches it, starts burying it back to the guy under the brand new SUV.

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00:02:48,000 --> 00:02:49,000

Uh-oh.

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00:02:49,000 --> 00:02:52,000

The dog, the dynamite and the SUV go boom!

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00:02:52,000 --> 00:02:58,000

The SUV goes down to the bottom of the lake and the guy who owned it is still making payments.

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00:02:58,000 --> 00:03:04,000

This not so urban myth surely stretches the bounds of human stupidity.

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00:03:04,000 --> 00:03:08,000

My sympathies are all with the dog, though you must admit it's as funny as hell.

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00:03:10,000 --> 00:03:13,000

But maybe it's too funny to be true.

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00:03:13,000 --> 00:03:22,000

As Jamie and Adam set off to find their frozen lake, it's worth noting that this folktale is almost as old as dynamite itself.

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00:03:22,000 --> 00:03:27,000

Over a hundred years ago, Australian author Henry Lawson wrote a comic story along very similar lines.

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00:03:27,000 --> 00:03:32,000

He called it the loaded dog and needless to say he made the whole thing up.

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00:03:32,000 --> 00:03:37,000

Still we can't assume it couldn't happen and that's enough reason to put it to the test.

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00:03:38,000 --> 00:03:45,000

The first thing we obviously needed was a frozen lake and the researchers found us one here in Alaska behind me.

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00:03:45,000 --> 00:03:55,000

This snow field you see is in fact Fisher Pond, a man-made lake which means there are no fish for us to kill with a nice coating of rock hard ice on top.

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00:03:55,000 --> 00:04:03,000

The ice on the pond is too thick to dig through and that supports the myth, but can it support a two-ton truck?

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00:04:04,000 --> 00:04:06,000

Okay, here we go.

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00:04:06,000 --> 00:04:11,000

Orson Smith and his fancy ice drill should give us a quick answer.

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00:04:11,000 --> 00:04:16,000

Fans of slapstick should appreciate the breakthrough moment.

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00:04:16,000 --> 00:04:18,000

Whoa! That's a hell of a thing.

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00:04:18,000 --> 00:04:21,000

The ice core cracks up as it's bashed loose.

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00:04:21,000 --> 00:04:23,000

Look at that!

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00:04:23,000 --> 00:04:26,000

Put back together, it's a foot and a half thick.

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00:04:26,000 --> 00:04:31,000

So it's got vertical crystals that make it really stronger than average.

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00:04:31,000 --> 00:04:34,000

So it's safe for us to drive our SUV out here?

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00:04:34,000 --> 00:04:36,000

Yes, I think so.

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00:04:36,000 --> 00:04:37,000

Good.

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00:04:37,000 --> 00:04:40,000

That'll hold a lot more than that SUV weighs.

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00:04:40,000 --> 00:04:43,000

So far so good and it's really cold.

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00:04:43,000 --> 00:04:48,000

Out here in the lake it's 20 below, but that can't slow down the science.

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00:04:48,000 --> 00:04:54,000

But this story has a ton of components to it and the first part of it is how far can you throw a stick of dynamite?

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00:04:54,000 --> 00:04:59,000

Standard stick of dynamite, about eight inches long, about a half a pound.

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00:05:00,000 --> 00:05:05,000

I figure I can throw it about an M5, which is 100 feet.

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00:05:05,000 --> 00:05:07,000

That's how we measure things, Adam and I.

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00:05:07,000 --> 00:05:09,000

Remember kids, this isn't real dynamite.

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00:05:09,000 --> 00:05:14,000

We would never throw real dynamite and neither should you.

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00:05:14,000 --> 00:05:16,000

Alright, Jamie.

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00:05:16,000 --> 00:05:19,000

I want you to put your chi into this thing.

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00:05:19,000 --> 00:05:21,000

That's it!

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00:05:21,000 --> 00:05:23,000

Go!

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00:05:23,000 --> 00:05:24,000

Nice!

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00:05:24,000 --> 00:05:26,000

Jamie's toss is up over the 100 foot mark.

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00:05:26,000 --> 00:05:32,000

Now it's Adam's chance to prove he's got the mojo of the throw, Joe.

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00:05:34,000 --> 00:05:36,000

This looks to be about the same.

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00:05:36,000 --> 00:05:41,000

Two hefty, manly throws with an average distance of...

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00:05:41,000 --> 00:05:44,000

125 feet.

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00:05:44,000 --> 00:05:47,000

Okay, time to bring out the dog.

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00:05:47,000 --> 00:05:51,000

This is Rudy, a young black Labrador.

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00:05:52,000 --> 00:05:56,000

Puffing, drooling and full of running, he's a born retriever.

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00:05:56,000 --> 00:06:00,000

Making him the perfect candidate to try to cover the distance there and back

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00:06:00,000 --> 00:06:04,000

before the 20 second fuse fizzes out.

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00:06:05,000 --> 00:06:09,000

The myth is about a black lab that retrieves a stick of dynamite.

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00:06:09,000 --> 00:06:11,000

That's what Rudy is.

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00:06:11,000 --> 00:06:13,000

As you can see, he's raring to go.

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00:06:13,000 --> 00:06:16,000

He really wants to retrieve that stick of dynamite.

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00:06:16,000 --> 00:06:20,000

And has no idea what he's signed up for.

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00:06:20,000 --> 00:06:23,000

Now we've got to get another myth started.

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00:06:34,000 --> 00:06:36,000

Okay, so we're in Alaska in the snow.

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00:06:36,000 --> 00:06:38,000

What myth did we get?

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00:06:38,000 --> 00:06:41,000

Okay, well this is a fairly gory myth that affects a lot of Alaskans,

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00:06:41,000 --> 00:06:43,000

but not so many in California.

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00:06:43,000 --> 00:06:44,000

What's that?

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00:06:44,000 --> 00:06:48,000

It's about the moose and what happens when you hit one with your car.

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00:06:51,000 --> 00:06:55,000

This is what happens when moose meets motor car.

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00:06:55,000 --> 00:06:58,000

And it's all too common here in Alaska.

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00:06:59,000 --> 00:07:02,000

Your best bet is always to stop or swerve.

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00:07:02,000 --> 00:07:07,000

But this myth kicks in when a crash is absolutely unavoidable.

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00:07:07,000 --> 00:07:12,000

Even a low speed collision most often ends with something bigger

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00:07:12,000 --> 00:07:16,000

and heavier than a fridge coming right through your windshield.

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00:07:17,000 --> 00:07:21,000

The myth says that speeding up instead of slowing down

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00:07:21,000 --> 00:07:24,000

might push the unlucky beast over the car,

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00:07:24,000 --> 00:07:27,000

meaning you might live to tell the tale.

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00:07:27,000 --> 00:07:31,000

Well obviously we're not going to kill a real moose to test this myth, right?

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00:07:31,000 --> 00:07:32,000

Right.

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00:07:32,000 --> 00:07:34,000

Now we're going to have to make our own moose analog.

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00:07:34,000 --> 00:07:39,000

They'll also have to wrangle a bunch of stunt cars and a safe test venue.

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00:07:39,000 --> 00:07:42,000

But those are problems for tomorrow.

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00:07:42,000 --> 00:07:47,000

Right now they need to design a moose that can bounce back from something like this.

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00:07:50,000 --> 00:07:52,000

Have either of you ever seen a real moose?

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00:07:52,000 --> 00:07:53,000

No.

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00:07:53,000 --> 00:07:54,000

I don't think so.

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00:07:54,000 --> 00:07:57,000

Maybe we should try to find a real moose so that way we can make our crash test moose

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00:07:57,000 --> 00:07:59,000

as close to a real one as we can.

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00:07:59,000 --> 00:08:03,000

These California kids have never seen a wild moose,

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00:08:03,000 --> 00:08:06,000

but they've had a tip-off from Alaska Fish and Game

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00:08:06,000 --> 00:08:10,000

to search no further than downtown Anchorage.

123

00:08:11,000 --> 00:08:13,000

Whoa, that's a big one.

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00:08:13,000 --> 00:08:21,000

This 1200 pound bull named Buzzwinkle is loitering by a two-story bar called Bernie's Bungalow.

125

00:08:21,000 --> 00:08:26,000

I'm not sure what's weirder that the moose is in the middle of downtown at a bar,

126

00:08:26,000 --> 00:08:28,000

or that it's only like 130.

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00:08:28,000 --> 00:08:33,000

They're the legs and right about where the hood is, like right where you'd hit.

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00:08:33,000 --> 00:08:37,000

Look, he's going to the mall.

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00:08:38,000 --> 00:08:42,000

This mature bull looks about six foot tall at the shoulder,

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00:08:42,000 --> 00:08:49,000

but they'll need to get much closer to take accurate measurements for a crash test moose simulate.

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00:08:51,000 --> 00:08:54,000

Cue the Alaskan Wildlife Conservation Center.

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00:08:54,000 --> 00:08:58,000

Out here, moose are accustomed to the ways of men.

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00:09:01,000 --> 00:09:02,000

He's stabbing me.

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00:09:02,000 --> 00:09:04,000

Well, most men.

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00:09:04,000 --> 00:09:07,000

As you can see, the ones in the wild are aggressive,

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00:09:07,000 --> 00:09:09,000

but the ones in captivity are much friendlier.

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00:09:09,000 --> 00:09:12,000

They're letting us get right up close to them so we can take measurements,

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00:09:12,000 --> 00:09:16,000

because we're not going to be able to use a real moose when we crash the car into it.

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00:09:16,000 --> 00:09:18,000

So we're going to need to make a moose simulate.

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00:09:19,000 --> 00:09:21,000

Desperately hoping there's safety in numbers,

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00:09:21,000 --> 00:09:26,000

Tori at his fellow moose measures venture inside the fence.

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00:09:26,000 --> 00:09:29,000

Okay, so I've got nine feet nose to tail.

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00:09:29,000 --> 00:09:30,000

That seems about right.

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00:09:30,000 --> 00:09:33,000

So we have six foot to the hump, nine feet nose to tail.

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00:09:33,000 --> 00:09:36,000

We've got the legs about four feet tall.

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00:09:36,000 --> 00:09:38,000

Let's see, it came up to your waist.

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00:09:38,000 --> 00:09:41,000

So we're going to go, yeah, four feet looks good on the legs.

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00:09:41,000 --> 00:09:45,000

Okay, but they still have to decide on the dummies texture.

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00:09:45,000 --> 00:09:49,000

Should their mock moose be served rare or well done?

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00:09:51,000 --> 00:09:55,000

Let's say we make this moose dummy out of ballistics gel.

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00:09:55,000 --> 00:09:56,000

We hit that with a car.

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00:09:56,000 --> 00:09:58,000

It's just going to explode.

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00:09:58,000 --> 00:10:03,000

Yeah, so we need to get a feeling for, you know, what it feels like.

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00:10:04,000 --> 00:10:06,000

Well, this is definitely not a ballistics gel.

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00:10:06,000 --> 00:10:07,000

No.

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00:10:07,000 --> 00:10:09,000

Is he firm or squishy?

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00:10:09,000 --> 00:10:10,000

He's pretty solid.

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00:10:10,000 --> 00:10:12,000

I mean, it's like there's hardly any fat on him at all.

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00:10:12,000 --> 00:10:15,000

He's got sort of like the derometer of like rubber.

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00:10:15,000 --> 00:10:17,000

Really dense rubber.

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00:10:17,000 --> 00:10:18,000

Really?

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00:10:18,000 --> 00:10:19,000

Yeah.

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00:10:20,000 --> 00:10:23,000

Seems we need to make a very dense rubber replica.

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00:10:24,000 --> 00:10:27,000

And that's something the team can't do here in Anchorage.

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00:10:27,000 --> 00:10:32,000

We don't even know remotely how we're going to get all of that weight up onto such

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00:10:32,000 --> 00:10:33,000

spindly little legs.

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00:10:33,000 --> 00:10:39,000

So it's going to take some planning, a lot of efforts, and we need the tools back in San Francisco.

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00:10:45,000 --> 00:10:48,000

Alaska really is a land of intensity.

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00:10:48,000 --> 00:10:52,000

The wilderness, the wildlife, and the winters.

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00:10:52,000 --> 00:10:58,000

It's those short, cold days that make this state home to an all-time classic myth.

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00:11:00,000 --> 00:11:01,000

What do we got?

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00:11:01,000 --> 00:11:05,000

Well, you know, winters in Alaska are pretty harsh.

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00:11:05,000 --> 00:11:10,000

The days are short, the nights are real long, people get snowed in with nothing to do, and

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00:11:10,000 --> 00:11:14,000

supposedly they succumb to a condition known as cabin fever.

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00:11:14,000 --> 00:11:16,000

You mean they get like all loopy?

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00:11:16,000 --> 00:11:17,000

Exactly.

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00:11:17,000 --> 00:11:20,000

And, well, we're going to put it to the test.

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00:11:20,000 --> 00:11:21,000

You're already a little nuts.

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00:11:21,000 --> 00:11:23,000

How are we going to tell the difference?

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00:11:23,000 --> 00:11:28,000

Actually, it turns out that there are a distinct set of symptoms to cabin fever.

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00:11:28,000 --> 00:11:33,000

All we got to do is put ourselves in the right conditions and see if we exhibit those symptoms.

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00:11:33,000 --> 00:11:40,000

Carrie delayed her flight back to sunny San Fran to act as the moderator of mental health.

183

00:11:40,000 --> 00:11:44,000

I found the perfect location to test cabin fever on Jamie and Adam.

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00:11:44,000 --> 00:11:49,000

Hatchers pass Lodge in Alaska, far from anything.

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00:11:49,000 --> 00:11:57,000

Adam and Jamie are just minutes away from a stint in solitary at a possible descent into madness.

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00:11:57,000 --> 00:12:02,000

It's tiny, it's in the middle of nowhere, and you can barely see out the windows, it's so white.

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00:12:02,000 --> 00:12:09,000

They'll spend their time just hanging out in adjacent huts, a sudden flurry of snow sets the scene.

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00:12:09,000 --> 00:12:13,000

This is perfect for an Alaska adventure.

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00:12:13,000 --> 00:12:14,000

Hi, Carrie.

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00:12:14,000 --> 00:12:15,000

Hi, guys.

191

00:12:15,000 --> 00:12:16,000

How are you?

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00:12:16,000 --> 00:12:18,000

You can barely see anything.

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00:12:18,000 --> 00:12:19,000

Hey.

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00:12:19,000 --> 00:12:21,000

It's about to get dark.

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00:12:21,000 --> 00:12:23,000

There's a snowstorm.

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00:12:23,000 --> 00:12:25,000

Are you ready to get cabin fever?

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00:12:25,000 --> 00:12:26,000

I'm ready.

198

00:12:26,000 --> 00:12:27,000

You ready?

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00:12:27,000 --> 00:12:28,000

Yeah, let's go.

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00:12:28,000 --> 00:12:29,000

Wait till I show you to your room.

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00:12:29,000 --> 00:12:32,000

The rooms aren't bad.

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00:12:32,000 --> 00:12:36,000

But they've both been stripped back to bare essentials.

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00:12:36,000 --> 00:12:37,000

As are the boys.

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00:12:37,000 --> 00:12:42,000

They're well-searched for anything that might divert or entertain.

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00:12:42,000 --> 00:12:45,000

So, I hope you have no other contraband, no electronics.

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00:12:45,000 --> 00:12:47,000

I need your watch as well.

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00:12:47,000 --> 00:12:50,000

I have no electronics, no reading material.

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00:12:50,000 --> 00:12:52,000

That's my watch.

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00:12:52,000 --> 00:12:57,000

Both of our detainees think this will be a walk in the park.

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00:12:57,000 --> 00:13:02,000

And let's remember that Jamie's already spent quality time inside a coffin.

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00:13:02,000 --> 00:13:04,000

And he's still alive.

212

00:13:04,000 --> 00:13:08,000

But they're not so sure about each other.

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00:13:08,000 --> 00:13:13,000

Whether Adam is going to deal with this real well, I don't know.

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00:13:13,000 --> 00:13:16,000

Adam's a little impulsive.

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00:13:16,000 --> 00:13:23,000

Only a friend could put it so gently.

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00:13:23,000 --> 00:13:27,000

He could just, like, get a bug up his butt and go nuts for all I know.

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00:13:27,000 --> 00:13:29,000

I don't really know.

218

00:13:29,000 --> 00:13:32,000

And right back at you from cell block one.

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00:13:32,000 --> 00:13:33,000

Good buddy.

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00:13:33,000 --> 00:13:38,000

I think Jamie will be painting on the walls in his own blood inside of 46 hours.

221

00:13:38,000 --> 00:13:42,000

Well, that should add some color.

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00:13:42,000 --> 00:13:44,000

But let's spare a thought for Carrie.

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00:13:44,000 --> 00:13:48,000

She has to watch these two slowly unravel.

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00:13:48,000 --> 00:13:50,000

This is my big sister surveillance system.

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00:13:50,000 --> 00:13:54,000

I've got four cameras, one in the front and back of each cabin.

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00:13:54,000 --> 00:13:59,000

I can switch between the cameras with the touch of a button and watch their every move.

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00:13:59,000 --> 00:14:06,000

Surveillance aside, Carrie's running cognitive and stress tests to get some hard data.

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00:14:06,000 --> 00:14:09,000

But our volunteer voyeur has her own troubles.

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00:14:09,000 --> 00:14:12,000

I think I'm going to go crazy before they are.

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00:14:12,000 --> 00:14:18,000

Did I mention we're in the same circumstance that they are except for I have to watch them be bored?

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00:14:18,000 --> 00:14:22,000

Jamie at least has a simple plan to preserve his sanity.

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00:14:22,000 --> 00:14:24,000

I'll tell you what I'm going to do.

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00:14:24,000 --> 00:14:28,000

Every day is going to be working out until I'm exhausted and then I'm going to sleep.

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00:14:28,000 --> 00:14:37,000

The man with the moustache kicks off in style, but the short days and long nights might soon sap his spirit.

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00:14:37,000 --> 00:14:39,000

So who's going to crack first?

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00:14:39,000 --> 00:14:44,000

Adam, Jamie or Carrie?

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00:14:44,000 --> 00:14:47,000

Sweet dreams all around.

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00:14:47,000 --> 00:14:49,000

Good night.

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00:14:49,000 --> 00:15:05,000

If Carrie, Tori and Grant are testing a myth that says speeding up your car might prevent this potential Alaskan roadkill from killing you.

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00:15:05,000 --> 00:15:09,000

Back in San Francisco, Carrie's been on the net looking for inspiration.

241

00:15:09,000 --> 00:15:17,000

And believe it or not, she's found a thesis by a Swedish man on how to build a giant rubber moose.

242

00:15:17,000 --> 00:15:19,000

That's cool.

243

00:15:19,000 --> 00:15:26,000

With his permission, they modify the multi-slice design and source a small mountain of rubber.

244

00:15:26,000 --> 00:15:30,000

Cool. Those are the jet cutters right there.

245

00:15:30,000 --> 00:15:37,000

With an OMAX water jet cutter, H2O precision can carve our moose slices in next to no time.

246

00:15:37,000 --> 00:15:43,000

Tori's already had the details of our design punched into H2O's computer.

247

00:15:44,000 --> 00:15:47,000

Alright, here's our moose. I know it doesn't look like much of a moose, but it will.

248

00:15:47,000 --> 00:15:50,000

Now what I have here are half inch sheets of rubber.

249

00:15:50,000 --> 00:15:53,000

Now we have the design of our moose in the computer in slices.

250

00:15:53,000 --> 00:15:57,000

Now once we stack those together, we'll have the shape of a moose in rubber.

251

00:15:57,000 --> 00:16:02,000

The high pressure water spurts out at 50,000 psi.

252

00:16:02,000 --> 00:16:06,000

That's enough to cut through five inches of solid steel.

253

00:16:06,000 --> 00:16:10,000

So this is like the proverbial hot knife through butter.

254

00:16:10,000 --> 00:16:15,000

Okay, so this is what we're left with. This is one layer out of over 150 layers of rubber that's going to make up our moose.

255

00:16:15,000 --> 00:16:22,000

Now once we stack these together in the right order and fasten it, we'll have roughly the same size, weight and density as a real moose.

256

00:16:22,000 --> 00:16:26,000

But a real fake moose needs more than sheer mass.

257

00:16:26,000 --> 00:16:30,000

Back at M7, Kari adds the bones and the sinew.

258

00:16:30,000 --> 00:16:33,000

This is the cable we're going to use to keep the moose together.

259

00:16:33,000 --> 00:16:38,000

This is going to run the length of the moose twice, and that way when the car actually hits the moose,

260

00:16:38,000 --> 00:16:42,000

the moose will stay flexible and bendy as if it's a real moose.

261

00:16:42,000 --> 00:16:48,000

Kari sleeves the cable in rubber tubing and grants it, unlike wise, with the legs.

262

00:16:48,000 --> 00:16:53,000

The deal is we want the legs, this is our moose leg, we want them to be floppy,

263

00:16:53,000 --> 00:16:58,000

but we also want them to be reusable once it gets hit.

264

00:16:58,000 --> 00:17:05,000

So the hip joint is going to be made out of steel and that's going to connect to the cable that's inside of the moose leg.

265

00:17:05,000 --> 00:17:09,000

And when it gets hit, it'll go flying, and then we can set it right back up again.

266

00:17:09,000 --> 00:17:13,000

Meantime, Tori's going gangbusters with his half inch fillets.

267

00:17:13,000 --> 00:17:21,000

And slice by slice, glued together with silicone, we're seeing a moose in the making.

268

00:17:21,000 --> 00:17:24,000

Looks good though, looks like a moose.

269

00:17:24,000 --> 00:17:25,000

I know, kinda.

270

00:17:25,000 --> 00:17:27,000

What do you think? Moosey.

271

00:17:27,000 --> 00:17:29,000

Do you see the moosey?

272

00:17:29,000 --> 00:17:30,000

I love it.

273

00:17:30,000 --> 00:17:33,000

Congratulations, Tori. It's a girl.

274

00:17:33,000 --> 00:17:36,000

But does she have enough junk in the trunk?

275

00:17:36,000 --> 00:17:42,000

Alright, so moose is done and it looks like it's weighing about 620 pounds,

276

00:17:42,000 --> 00:17:46,000

which is a good average for the type of moose that would likely get hit by a car.

277

00:17:46,000 --> 00:17:48,000

Big giant moose antlers.

278

00:17:48,000 --> 00:17:53,000

You'll notice we're not adding these to our final crash test moose, and for a few very good reasons.

279

00:17:53,000 --> 00:17:58,000

First of all, two thirds of the adult moose population, female, don't have antlers.

280

00:17:58,000 --> 00:18:01,000

Secondly, most of the moose that get hit are calves.

281

00:18:01,000 --> 00:18:02,000

Don't have antlers yet.

282

00:18:02,000 --> 00:18:06,000

And lastly, you know, moose don't even have antlers all year round.

283

00:18:06,000 --> 00:18:09,000

And during the winter when they don't have them, is when they're more likely to be near the roads,

284

00:18:09,000 --> 00:18:12,000

because they're attracted to the salt on the road while they're searching for nutrients.

285

00:18:12,000 --> 00:18:16,000

So to have big antlers like this and be hit by a car, very rare.

286

00:18:16,000 --> 00:18:19,000

Now that the moose is done, we're going to see if we can make them stand up.

287

00:18:19,000 --> 00:18:25,000

So what I'm going to do is I'm going to build a pair of 2x4 legs that the moose will sit on.

288

00:18:25,000 --> 00:18:26,000

It'll cradle in.

289

00:18:26,000 --> 00:18:29,000

So that way when the car comes crashing through, it'll knock the legs away,

290

00:18:29,000 --> 00:18:32,000

and then the moose will behave the way the moose will behave.

291

00:18:32,000 --> 00:18:38,000

Building the frame is no big deal, but will it support the massive load we call Lucy?

292

00:18:38,000 --> 00:18:41,000

Good move. Stay.

293

00:18:41,000 --> 00:18:42,000

It does.

294

00:18:42,000 --> 00:18:43,000

Nice.

295

00:18:43,000 --> 00:18:44,000

I love it.

296

00:18:44,000 --> 00:18:49,000

And it's at just the right height for her ample proportions.

297

00:18:49,000 --> 00:18:54,000

And like any cow to the slaughter, it's best she doesn't know her destiny.

298

00:18:55,000 --> 00:18:57,000

The moose whisper.

299

00:18:57,000 --> 00:19:00,000

Alright, let's bring those cars in.

300

00:19:25,000 --> 00:19:30,000

So the myth states that the guys used a 20 second fuse on their stick of dynamite.

301

00:19:30,000 --> 00:19:37,000

Now the question is, can a dog from a cold start run to 125 feet, fetch a stick of dynamite,

302

00:19:37,000 --> 00:19:40,000

and come on back in under 20 seconds?

303

00:19:40,000 --> 00:19:42,000

And that's what we're about to answer with Rudy.

304

00:19:42,000 --> 00:19:46,000

Of course, for this test, they swapped the dynamite for a rubber ball.

305

00:19:46,000 --> 00:19:48,000

But you get the idea.

306

00:19:48,000 --> 00:19:50,000

We got our starting line.

307

00:19:50,000 --> 00:19:52,000

We got the target pylon over there.

308

00:19:52,000 --> 00:19:55,000

Let's just throw the ball a few times and I'll time it.

309

00:19:55,000 --> 00:19:57,000

I'll bet you can throw it there.

310

00:19:57,000 --> 00:20:01,000

He gets it right about at that pylon and comes on back and we'll just see how long that takes.

311

00:20:02,000 --> 00:20:08,000

It sounds simple, but remember that Rudy is not only skidding around on slippery ice,

312

00:20:08,000 --> 00:20:11,000

but it's 20 degrees below zero.

313

00:20:11,000 --> 00:20:12,000

Good boy.

314

00:20:12,000 --> 00:20:17,000

You'd think he'd get slower and slower, but each successive fetch and return

315

00:20:17,000 --> 00:20:19,000

reads the same on Adam Stopwatch.

316

00:20:19,000 --> 00:20:20,000

16 seconds.

317

00:20:20,000 --> 00:20:24,000

So far, the idea that the dog could actually get the stick of dynamite and bring it back

318

00:20:24,000 --> 00:20:26,000

is looking really good.

319

00:20:26,000 --> 00:20:29,000

It's totally doable as far as the myth is concerned.

320

00:20:29,000 --> 00:20:34,000

This whole myth is falling nicely into place, perhaps a little too nicely.

321

00:20:34,000 --> 00:20:38,000

Here comes the bit where we tried blasting a hole through the ice,

322

00:20:38,000 --> 00:20:43,000

Sinking this car with one stick of dynamite.

323

00:20:43,000 --> 00:20:48,000

You know, we broke out of jail with a single stick of dynamite during the western myths episode,

324

00:20:48,000 --> 00:20:50,000

or at least tried to.

325

00:20:50,000 --> 00:20:52,000

Well, the jail's still there.

326

00:20:52,000 --> 00:20:54,000

The jail is definitely still there.

327

00:20:54,000 --> 00:21:00,000

After watching that, I can't see this doing enough damage to the ice to sink this SUV.

328

00:21:00,000 --> 00:21:05,000

I don't think it's going to do it, but it might.

329

00:21:05,000 --> 00:21:07,000

Yeah, it might.

330

00:21:07,000 --> 00:21:13,000

And just in case the car ends up at the bottom of the pond, heavy chains are latched onto the chassis.

331

00:21:14,000 --> 00:21:16,000

So far, the Alaska myth is looking pretty good.

332

00:21:16,000 --> 00:21:20,000

The dog did his job real well, but now it all comes down to this.

333

00:21:20,000 --> 00:21:24,000

If one stick of dynamite can't sink the car, it's busted.

334

00:21:28,000 --> 00:21:35,000

And now back to the myth designed to separate Adam and Jamie from their fragile faculties.

335

00:21:35,000 --> 00:21:44,000

Day two dawns on our cabin fever test, though it should be noted that a midwinter Alaskan sunup kicks in around 10 a.m.

336

00:21:45,000 --> 00:21:47,000

Good morning. It is the morning of day two.

337

00:21:47,000 --> 00:21:50,000

I've had a reasonably fitful night of sleep.

338

00:21:50,000 --> 00:21:52,000

I had some really weird dreams.

339

00:21:52,000 --> 00:21:55,000

I dream I'm in a plane and slowly crashing.

340

00:21:55,000 --> 00:22:00,000

It's slowly crashing down on a street in San Francisco, and I'm way up at the cockpit.

341

00:22:00,000 --> 00:22:01,000

And I turned everyone on.

342

00:22:01,000 --> 00:22:08,000

I say, listen, I don't think this is a real plane crash because I happen to notice that I'm not wearing any pants.

343

00:22:09,000 --> 00:22:13,000

And whenever I'm not wearing any pants, it's probably a dream.

344

00:22:19,000 --> 00:22:24,000

Carries up already, bright-eyed, keyed-eared, and she's wearing pants.

345

00:22:24,000 --> 00:22:29,000

It's early morning, and this is actually the first surprise, is that Jamie is still sleeping.

346

00:22:29,000 --> 00:22:30,000

He's an early riser.

347

00:22:30,000 --> 00:22:34,000

Usually he's up doing exercise and probably into the shop by 5 a.m.

348

00:22:34,000 --> 00:22:38,000

Adam, on the other hand, is just a beehive.

349

00:22:38,000 --> 00:22:44,000

Jamie does eventually rouse himself and starts the first of his two tests.

350

00:22:44,000 --> 00:22:50,000

The cognitive test aims to see if their mental faculties decrease over time.

351

00:22:50,000 --> 00:22:59,000

The saliva test is a stress indicator, but to get a fair reading, you can't eat or drink beforehand.

352

00:23:00,000 --> 00:23:01,000

Oh, you know what though?

353

00:23:01,000 --> 00:23:04,000

I think he just took a drink of water right before he took this test.

354

00:23:04,000 --> 00:23:10,000

So this and, trust me, many spit tests to come count for nothing.

355

00:23:11,000 --> 00:23:13,000

Spit reading of 35.

356

00:23:13,000 --> 00:23:17,000

This is the morning of the second day, so apparently I'm pretty relaxed.

357

00:23:18,000 --> 00:23:20,000

Shame we can't say the same for Carrie.

358

00:23:21,000 --> 00:23:27,000

But biometrics aren't the only indication of who is or isn't stressed and bewildered.

359

00:23:28,000 --> 00:23:35,000

Pat Warlitzer owns these cabins, and he's come real close to misplacing his own marbles through many a long winter.

360

00:23:36,000 --> 00:23:39,000

It happens to everybody in Alaska, including me.

361

00:23:39,000 --> 00:23:41,000

What would you consider the symptoms?

362

00:23:41,000 --> 00:23:49,000

Well, it's probably being an age, irritability, angry looking eyes, forgetfulness.

363

00:23:49,000 --> 00:23:50,000

What's going on?

364

00:23:50,000 --> 00:23:54,000

And sleeping extra time in the cabins.

365

00:23:54,000 --> 00:23:56,000

So now we know what to look for.

366

00:23:57,000 --> 00:24:00,000

Jamie's already a pin-up boy for symptom number four.

367

00:24:02,000 --> 00:24:05,000

Next door, Adam can't stop fidgeting.

368

00:24:06,000 --> 00:24:11,000

Adam's body language at the moment shows that he's sort of antsy.

369

00:24:13,000 --> 00:24:14,000

Oh, he's going for the coat hanger.

370

00:24:14,000 --> 00:24:15,000

I knew he would make something with the coat hanger.

371

00:24:15,000 --> 00:24:17,000

I would totally make something with the coat hanger.

372

00:24:19,000 --> 00:24:22,000

Desperate times call for desperate diversions.

373

00:24:22,000 --> 00:24:29,000

Adam's building a fancy desktop toy from his one potential plaything, a wire coat hanger.

374

00:24:30,000 --> 00:24:37,000

I've spent some time making a little whirligig here out of one of the two coat hangers I found on the rack.

375

00:24:38,000 --> 00:24:39,000

Green time.

376

00:24:39,000 --> 00:24:42,000

The big news from Cabin 2 is that Jamie's sitting up.

377

00:24:43,000 --> 00:24:45,000

I think Jamie has reached full Buddha.

378

00:24:46,000 --> 00:24:49,000

He's not moved in an hour.

379

00:24:49,000 --> 00:24:57,000

Before days in, both boys find time to write in their journals, then repeat their cognitive and spit tests.

380

00:24:58,000 --> 00:25:02,000

123? What are you crazy? Look at this.

381

00:25:03,000 --> 00:25:05,000

Okay, just forget the stress test.

382

00:25:06,000 --> 00:25:09,000

What we all need here is a timeout and a nice nap.

383

00:25:10,000 --> 00:25:14,000

As the sun sets, it's hard to say if either one technically has cabin fever.

384

00:25:15,000 --> 00:25:18,000

The boys say no, but Carrie's unconvinced.

385

00:25:19,000 --> 00:25:22,000

She knows that every picture tells a story.

386

00:25:28,000 --> 00:25:35,000

Tori, Grant and Carrie spent the past few days making something that, let's face it, we've all thought about but never got around to doing.

387

00:25:36,000 --> 00:25:39,000

Building a huge rubber moose called Lucy.

388

00:25:40,000 --> 00:25:45,000

Now they've arrived at a specialized test track for what should be a shattering debut.

389

00:25:45,000 --> 00:25:51,000

Okay, so this myth is really about hitting the moose because obviously if you can stop in time, that's going to be the best choice.

390

00:25:52,000 --> 00:25:57,000

Right, this is the point of no return. You're going to hit the moose. Now the question is, is it better to speed up or slow down?

391

00:25:58,000 --> 00:26:01,000

Alright, what do you think? Like 45 miles an hour? It's a good average between highway and regular roads?

392

00:26:02,000 --> 00:26:03,000

That sounds good.

393

00:26:03,000 --> 00:26:08,000

Crashing cars is more or less what the folks at e-tech testing services do for a living.

394

00:26:09,000 --> 00:26:17,000

And parent company energy absorption systems make crash cushions, which could be useful if this moose mayhem runs off the rails.

395

00:26:19,000 --> 00:26:32,000

But that's highly unlikely. A guide bar fitted to one wheel keeps the car on track and through a system of chains and pulleys, a truck tows it from a safe distance in the opposite direction.

396

00:26:34,000 --> 00:26:38,000

The reason why we came to e-tech is because they are set up to test crashes. That's what they do.

397

00:26:39,000 --> 00:26:45,000

They have a towing system. It's a 2 to 1 ratio so that their towing vehicle only has to go half as fast as the actual vehicle that's going to crash.

398

00:26:46,000 --> 00:26:52,000

Plus, they have a steering hub and he's attaching that right now so that way our car won't fear off course and we hit the moose right where we want.

399

00:26:53,000 --> 00:26:57,000

But crash test cars still need crash test dummies.

400

00:26:58,000 --> 00:27:01,000

You know, I think this is the first time we've ever used Buster for what he was intended to be used for.

401

00:27:01,000 --> 00:27:03,000

It's a historic moment.

402

00:27:08,000 --> 00:27:11,000

Use a carapace or maybe a socket wrench.

403

00:27:12,000 --> 00:27:13,000

He just needs to stretch a little.

404

00:27:14,000 --> 00:27:16,000

With Buster buckled up, we're ready for test number one.

405

00:27:19,000 --> 00:27:21,000

Moose meets machine at 45 per.

406

00:27:22,000 --> 00:27:29,000

Am I excited? You better believe I'm excited. We just made a giant rubber moose and now we're going to crash cars into it. It doesn't get much better than this.

407

00:27:30,000 --> 00:27:36,000

This is the control test. 45 miles an hour. Continuous speed into the moose. You guys ready?

408

00:27:37,000 --> 00:27:41,000

Starting in 3, 2, 1, go.

409

00:27:45,000 --> 00:27:46,000

Here comes the car.

410

00:27:47,000 --> 00:27:48,000

That's 40 miles an hour.

411

00:27:49,000 --> 00:27:50,000

30 miles an hour.

412

00:27:51,000 --> 00:27:52,000

40.

413

00:27:53,000 --> 00:27:54,000

Look at it go.

414

00:27:55,000 --> 00:27:56,000

45.

415

00:28:00,000 --> 00:28:01,000

Oh, f**k.

416

00:28:05,000 --> 00:28:09,000

Wow. That worked perfectly. That's great. And the moose is still together. Let's go look at the

car.

417

00:28:10,000 --> 00:28:14,000

Oh my god. Dude, that's exactly what the real moose hit looked like.

418

00:28:15,000 --> 00:28:16,000

Well, this is a good test then.

419

00:28:17,000 --> 00:28:18,000

Yeah, that's a great test.

420

00:28:19,000 --> 00:28:20,000

And Tori knows what he's looking for.

421

00:28:21,000 --> 00:28:30,000

Back in Anchorage, he checked out a local body shop. Just in his end of town, Gary Mogg deals with 12 moose wrecks a year.

422

00:28:31,000 --> 00:28:41,000

This is not as bad as I've seen total out the whole car. And a lot of the times, I mean, I've seen some fatalities, of course, people didn't make it through.

423

00:28:42,000 --> 00:28:46,000

But this here is probably the best scenario when you hit a moose in the front end.

424

00:28:47,000 --> 00:28:49,000

Wow. That's a lot of damage. I mean, look at that.

425

00:28:50,000 --> 00:28:56,000

The whole top of the car is just peeled back. And how this guy survived, it's like a miracle.

426

00:28:57,000 --> 00:29:05,000

You know, apparently he laid down like this and let the moose go flying over him. But man, that would really ruin your day.

427

00:29:06,000 --> 00:29:12,000

Back in California, this eerily similar squashed sedan is cause for celebration.

428

00:29:13,000 --> 00:29:14,000

You got to look at it from up here.

429

00:29:14,000 --> 00:29:20,000

The bumper's crushed in a little bit, but it traveled all the way over the hood.

430

00:29:21,000 --> 00:29:22,000

Look at that, like the hood's intact.

431

00:29:23,000 --> 00:29:25,000

That is a beautiful thing.

432

00:29:26,000 --> 00:29:32,000

I mean, the car came careening at the moose, hit the moose, moose flies in the air, and that kind of just floats, falls to the ground.

433

00:29:33,000 --> 00:29:37,000

We got exactly the result we need. And a lot of comedy out of this high speed, I'm sure.

434

00:29:37,000 --> 00:29:43,000

But we're not so sure. Aside from Kari, seems the only one to split her sides was Lucy.

435

00:29:44,000 --> 00:29:51,000

It's not pretty, and it's not over. Will speeding up or slowing down reduce the carnage?

436

00:29:52,000 --> 00:29:57,000

And just how many cars can we afford to wreck in the cause of sensible driving?

437

00:29:58,000 --> 00:30:13,000

Adam and Jamie are locked in mortal mental combat. The winner of this cabin fever test is the first one to start talking to his own toenail clippings.

438

00:30:15,000 --> 00:30:18,000

I've just had the worst night of sleep I've ever had in my life.

439

00:30:19,000 --> 00:30:27,000

Jamie has gotten up and straight away started eating. He's not done his spit swap test, which is a problem for me because it's going to mess up my data.

440

00:30:28,000 --> 00:30:31,000

Either he's forgetting, or he's just lost the plot completely.

441

00:30:32,000 --> 00:30:45,000

But don't underestimate Adam's cold weather quirks. These long-life military rations are called MREs, or Meals Ready to Eat. Some soldiers call them Meals Ready to Expel.

442

00:30:46,000 --> 00:30:49,000

For breakfast today, I'm going to have a little jambalaya.

443

00:30:50,000 --> 00:30:55,000

It's not exactly toast and grapefruit, but he might get a chance to test his chemical toilet.

444

00:30:59,000 --> 00:31:01,000

I forgot to try the basque going there.

445

00:31:02,000 --> 00:31:03,000

Yes, charming.

446

00:31:04,000 --> 00:31:09,000

The morning wears on, and self-sufficient Jamie finds there's one thing he can't live without.

447

00:31:10,000 --> 00:31:20,000

I don't have any coffee, which bugs me because I'd be a lot more active and less inclined to just nap, which I'm sure is scintillating TV to watch me nap.

448

00:31:21,000 --> 00:31:23,000

But it's not my decision.

449

00:31:24,000 --> 00:31:26,000

Oh, great. We got a yeti outside.

450

00:31:27,000 --> 00:31:32,000

I've decided to play a little prank on Jamie and Adam to help the ultimate urban legend.

451

00:31:33,000 --> 00:31:39,000

Jamie's cold stare shows he's not amused, but Carrie gets a better response from Adam.

452

00:31:48,000 --> 00:31:50,000

He's hiding in the bathroom.

453

00:31:52,000 --> 00:31:55,000

Sounds like Carrie's the one who's been in the bathroom for a while.

454

00:31:55,000 --> 00:31:56,000

This is very heavy.

455

00:32:00,000 --> 00:32:03,000

Sounds like Carrie's the one who's ready to crack.

456

00:32:04,000 --> 00:32:05,000

I have to get out of here.

457

00:32:06,000 --> 00:32:07,000

But she has a remedy.

458

00:32:11,000 --> 00:32:16,000

For one crazy hour, Carrie does everything worth doing on fresh white snow.

459

00:32:17,000 --> 00:32:19,000

And I mean everything.

460

00:32:20,000 --> 00:32:21,000

It's my best work yet.

461

00:32:26,000 --> 00:32:32,000

So far, Adam and Jamie have ticked every box and peed on every post in the Dynamite dog story.

462

00:32:33,000 --> 00:32:34,000

16 seconds.

463

00:32:35,000 --> 00:32:45,000

Now they need to see if one stick of dynamite really can break the ice and sink this car, which has exactly the same curb weight as the one in the myth.

464

00:32:46,000 --> 00:32:55,000

There's something known as reflection, meaning that the blast can bounce off of the underside of the SUV and into the ice.

465

00:32:56,000 --> 00:32:57,000

The ice is brittle.

466

00:32:58,000 --> 00:33:00,000

I don't think it's going to do it, but it might.

467

00:33:01,000 --> 00:33:02,000

Well guys, it's the moment of truth.

468

00:33:03,000 --> 00:33:07,000

It's time to put a stick of dynamite under this SUV and see what happens.

469

00:33:08,000 --> 00:33:10,000

Oh yeah, man. All of our facts so far have stacked up pretty plausible.

470

00:33:11,000 --> 00:33:14,000

This is the last link in the chain. Frank, do you have a stick of dynamite for us?

471

00:33:15,000 --> 00:33:17,000

Right here it is. The real thing.

472

00:33:18,000 --> 00:33:20,000

That is red and everything. That's perfect.

473

00:33:21,000 --> 00:33:25,000

Now cover your ears and thank goodness you're not here on Fisher Pond.

474

00:33:26,000 --> 00:33:29,000

This is what happens when myth busters play with dynamite.

475

00:33:30,000 --> 00:33:31,000

Burn the hole!

476

00:33:35,000 --> 00:33:36,000

Almost nothing.

477

00:33:37,000 --> 00:33:38,000

Whoa!

478

00:33:39,000 --> 00:33:44,000

The ice is slightly dented, the car is undented, and this myth is busted.

479

00:33:45,000 --> 00:33:47,000

I see a little dent there and that's about it.

480

00:33:48,000 --> 00:33:49,000

Other than that, no damage.

481

00:33:50,000 --> 00:33:51,000

The dog would have been gone.

482

00:33:52,000 --> 00:33:53,000

But the truck's still here.

483

00:33:55,000 --> 00:34:02,000

Look, the ice that we're on right now is a good average thickness for a frozen lake that you'd feel safe driving an automobile out onto.

484

00:34:03,000 --> 00:34:05,000

So based on what we've seen, we have to call it busted.

485

00:34:10,000 --> 00:34:11,000

Busted but not beaten.

486

00:34:12,000 --> 00:34:17,000

We've all come a long way in the freezing cold to see a good old-fashioned truck sinkin.

487

00:34:18,000 --> 00:34:25,000

And two dozen pounds of dynamite packed inside these high-tech directional cones should do the trick.

488

00:34:27,000 --> 00:34:33,000

Well, it's clear from the whole pattern I see around the car that we've got a nasty case of ice gophers.

489

00:34:34,000 --> 00:34:40,000

These little varmints will bore their way around any vehicle they find on the ice to chew on it underwater.

490

00:34:41,000 --> 00:34:44,000

There's only one way to take care of them and that's high explosives.

491

00:34:45,000 --> 00:34:46,000

Burn the hole!

492

00:34:47,000 --> 00:34:48,000

Burn the hole!

493

00:34:49,000 --> 00:34:50,000

Burn the hole!

494

00:34:51,000 --> 00:34:54,000

Three, two, one.

495

00:34:55,000 --> 00:34:56,000

Bye-bye!

496

00:34:58,000 --> 00:34:59,000

Ready!

497

00:35:02,000 --> 00:35:04,000

The ice ripples out like a liquid earthquake.

498

00:35:05,000 --> 00:35:07,000

Surface snow fills the air and blurs the view.

499

00:35:11,000 --> 00:35:15,000

By the time it clears, the car has disappeared.

500

00:35:16,000 --> 00:35:17,000

I don't see no SUV.

501

00:35:18,000 --> 00:35:19,000

No more SUV!

502

00:35:20,000 --> 00:35:21,000

Here with my wife.

503

00:35:23,000 --> 00:35:27,000

So what do you think? Did it just blow the truck up or did it sink it?

504

00:35:28,000 --> 00:35:32,000

Well, I see a couple pieces of debris from the truck but nothing in major.

505

00:35:32,000 --> 00:35:35,000

I think it sank it. 99% of that truck's under the water.

506

00:35:36,000 --> 00:35:38,000

Let's yank on the chain and see what happens.

507

00:35:38,000 --> 00:35:39,000

Okay.

508

00:35:40,000 --> 00:35:45,000

Incredibly, this fresh blasted duck pond is already freezing over.

509

00:35:45,000 --> 00:35:53,000

Adam and Jamie really don't know for sure where the car went but a few tugs on the chain confirm they've got a two-ton catch.

510

00:35:54,000 --> 00:35:57,000

I think we're going to need more explosives to get this truck out.

511

00:35:58,000 --> 00:35:59,000

I think we are.

512

00:35:59,000 --> 00:36:02,000

If they weren't putting it in, they're going to work getting it back out again.

513

00:36:03,000 --> 00:36:04,000

That's true.

514

00:36:05,000 --> 00:36:07,000

Now we're not yanking your chain.

515

00:36:07,000 --> 00:36:12,000

To get the car back, they have to blast the ice one more time.

516

00:36:15,000 --> 00:36:20,000

Filming stops as the light fades but the car was retrieved.

517

00:36:20,000 --> 00:36:28,000

We've left this pristine pond pretty much the way we found it, busting a myth and saving a puppy in the process.

518

00:36:34,000 --> 00:36:41,000

They don't know it but Adam and Jamie are just a few hours short of finishing their cabin fever experiment.

519

00:36:41,000 --> 00:36:46,000

Judging solely by the video evidence, it won't be a moment too soon.

520

00:36:47,000 --> 00:36:51,000

Well, the sun is out and it's made it unfathomably beautiful out here.

521

00:36:51,000 --> 00:36:58,000

I don't know whether the sun is just about to set over the mountain there or has just risen over the mountain there.

522

00:37:00,000 --> 00:37:03,000

I've already lost all my concept of time.

523

00:37:04,000 --> 00:37:06,000

And here's what's happened so far.

524

00:37:07,000 --> 00:37:09,000

They've been bored.

525

00:37:09,000 --> 00:37:10,000

They've slept.

526

00:37:10,000 --> 00:37:12,000

They've exercised.

527

00:37:12,000 --> 00:37:14,000

They've gone back to sleep.

528

00:37:14,000 --> 00:37:17,000

I napped the first day because I could.

529

00:37:17,000 --> 00:37:18,000

It was great.

530

00:37:18,000 --> 00:37:19,000

Get up when you want.

531

00:37:19,000 --> 00:37:21,000

Go to sleep when you want.

532

00:37:21,000 --> 00:37:28,000

And by drinking just before the saliva tests, they've both ruined any chance of accurate stress data.

533

00:37:29,000 --> 00:37:37,000

Having just woken up from a nap, it's saying that my stress reading is 94.

534

00:37:37,000 --> 00:37:38,000

Hey, look.

535

00:37:39,000 --> 00:37:41,000

Okay, that's just scary.

536

00:37:41,000 --> 00:37:48,000

Meantime, Jamie's decided to hold a one-man convention and draft a new U.S. Constitution.

537

00:37:48,000 --> 00:37:49,000

Seriously.

538

00:37:49,000 --> 00:37:55,000

You know, it started because we started seeing t-shirts that says Savage Heineman 08.

539

00:37:55,000 --> 00:38:02,000

The first thing that we'll do is relocate all politicians to employment on pork farms.

540

00:38:02,000 --> 00:38:12,000

And then we'll pretty much start from the ground up and try to come up with a system that actually works.

541

00:38:12,000 --> 00:38:17,000

You know, get people that run the country that are actually literate, things like that.

542

00:38:18,000 --> 00:38:23,000

This test has run its course and Carrie's ready to pull the plug.

543

00:38:25,000 --> 00:38:28,000

Adam's been both irritable and really restless.

544

00:38:28,000 --> 00:38:29,000

He's been pacing around the room.

545

00:38:29,000 --> 00:38:31,000

Both of them have been forgetful.

546

00:38:31,000 --> 00:38:35,000

Either they're not doing their tests or forgetting to do them all together or they're making a lot of mistakes.

547

00:38:35,000 --> 00:38:39,000

And finally, they are sleeping a whole lot.

548

00:38:39,000 --> 00:38:41,000

It's practically hibernation.

549

00:38:41,000 --> 00:38:43,000

These could be the symptoms of cabin fever.

550

00:38:43,000 --> 00:38:44,000

I've seen enough.

551

00:38:44,000 --> 00:38:46,000

I'm going to bust them out.

552

00:38:52,000 --> 00:38:53,000

You had enough?

553

00:38:54,000 --> 00:38:56,000

I've definitely had enough.

554

00:38:56,000 --> 00:39:00,000

This was far from the relaxing respite that I thought it would be.

555

00:39:02,000 --> 00:39:06,000

Now let's see how Jamie coped with just Jamie for company.

556

00:39:06,000 --> 00:39:08,000

The worst part was the beginning.

557

00:39:08,000 --> 00:39:12,000

F***ed off at being here because you're in a closed up room.

558

00:39:12,000 --> 00:39:16,000

Chances are you're not going to like it as much as if you had all your normal stimulus.

559

00:39:16,000 --> 00:39:17,000

Have you had enough?

560

00:39:18,000 --> 00:39:20,000

I'm just starting to get into it.

561

00:39:20,000 --> 00:39:24,000

I'm not sure what that proves and I was a little f***ed off about it.

562

00:39:24,000 --> 00:39:29,000

But that being said, then I started to get into it.

563

00:39:29,000 --> 00:39:32,000

I craved the sound of a human voice.

564

00:39:32,000 --> 00:39:33,000

I missed my wife.

565

00:39:33,000 --> 00:39:39,000

I haven't been bored, but I have been really lonely.

566

00:39:39,000 --> 00:39:45,000

But the real question remains, did either one ever lose his fragile grip on sanity?

567

00:39:45,000 --> 00:39:49,000

The cognitive test results were too consistent to prove anything.

568

00:39:49,000 --> 00:39:52,000

And they both blew the spit tests.

569

00:39:52,000 --> 00:39:57,000

But Kari's kept a lookout for perhaps four sure signs.

570

00:39:57,000 --> 00:39:58,000

What's going on with me?

571

00:39:58,000 --> 00:39:59,000

Irritability.

572

00:39:59,000 --> 00:40:03,000

The mattress was terrible.

573

00:40:03,000 --> 00:40:04,000

Forgetfulness.

574

00:40:04,000 --> 00:40:06,000

Angry eyes.

575

00:40:06,000 --> 00:40:07,000

Oh yeah.

576

00:40:07,000 --> 00:40:09,000

And excessive sleeping.

577

00:40:09,000 --> 00:40:12,000

Napping in the afternoon, napping morning.

578

00:40:12,000 --> 00:40:14,000

I love napping.

579

00:40:14,000 --> 00:40:16,000

Alright guys, how do you want to call this one?

580

00:40:16,000 --> 00:40:22,000

Well based on the surveillance, you exhibited four out of four of the cabin fever symptoms and you won.

581

00:40:22,000 --> 00:40:24,000

Yeah, well he's a robot.

582

00:40:24,000 --> 00:40:25,000

And I just got in.

583

00:40:25,000 --> 00:40:26,000

It was a long trip.

584

00:40:26,000 --> 00:40:27,000

I was tired.

585

00:40:27,000 --> 00:40:28,000

I think we could call this plausible.

586

00:40:28,000 --> 00:40:29,000

Plausible it is.

587

00:40:29,000 --> 00:40:30,000

Okay, plausible.

588

00:40:30,000 --> 00:40:32,000

Can I go back to the room now?

589

00:40:32,000 --> 00:40:33,000

Hehehehehe.

590

00:40:42,000 --> 00:40:47,000

Hitting an average size moose in an average size car can only end in tears.

591

00:40:51,000 --> 00:40:53,000

You know, it's like you're driving down the road.

592

00:40:53,000 --> 00:40:57,000

You're eating your baked Alaska and all of a sudden a moose is in front of you.

593

00:40:57,000 --> 00:40:59,000

And you're like, you don't have time to swerve.

594

00:40:59,000 --> 00:41:00,000

You're going to hit the moose.

595

00:41:00,000 --> 00:41:05,000

But now the question is, is it better to accelerate into the moose or hit the brakes?

596

00:41:05,000 --> 00:41:08,000

Some say it's better to speed up.

597

00:41:08,000 --> 00:41:13,000

But let's first test this Alaskan roadkill myth by slowing down.

598

00:41:15,000 --> 00:41:22,000

Grant's installed a remote control braking system that's every bit as effective as a panicked human's right foot.

599

00:41:23,000 --> 00:41:26,000

So the remote braking system is radio controlled.

600

00:41:26,000 --> 00:41:33,000

What that does is send a signal to the receiver inside the car, activates a pneumatic solenoid that fires a pneumatic cylinder.

601

00:41:33,000 --> 00:41:39,000

And that'll pop the brake very, very quickly, just as if you were to stamp hard on it.

602

00:41:39,000 --> 00:41:44,000

They know that at 45 miles per hour, the car takes 70 feet to stop.

603

00:41:45,000 --> 00:41:55,000

So to best simulate a real accident, they plan to hit the brake and in a later test, the accelerator, just 30 feet short of our makeshift moose.

604

00:41:55,000 --> 00:42:00,000

Busters had enough, so cousin Ted is the designated driver.

605

00:42:00,000 --> 00:42:01,000

There you go.

606

00:42:01,000 --> 00:42:02,000

Yeah, the boy.

607

00:42:02,000 --> 00:42:07,000

Now braking on pavement is not the same as braking on snow or ice.

608

00:42:07,000 --> 00:42:13,000

But it's fair to assume that a sane person wouldn't drive this fast in truly bad conditions.

609

00:42:13,000 --> 00:42:16,000

And anyway, it's a hit.

610

00:42:16,000 --> 00:42:18,000

We are ready to go.

611

00:42:18,000 --> 00:42:22,000

Grant will hit the brakes 30 feet before we hit the moose.

612

00:42:22,000 --> 00:42:23,000

Ready?

613

00:42:23,000 --> 00:42:28,000

Ready in three, two, one, we're going.

614

00:42:28,000 --> 00:42:30,000

There it goes.

615

00:42:30,000 --> 00:42:32,000

All right, we're at 45.

616

00:42:38,000 --> 00:42:39,000

Yeah, hit the moose.

617

00:42:39,000 --> 00:42:40,000

Yeah.

618

00:42:40,000 --> 00:42:41,000

We're going to read that.

619

00:42:41,000 --> 00:42:42,000

It stopped perfectly.

620

00:42:42,000 --> 00:42:43,000

Wow.

621

00:42:43,000 --> 00:42:45,000

It's another windshield wipeout.

622

00:42:46,000 --> 00:42:50,000

But they all agree that this time there's less damage.

623

00:42:50,000 --> 00:42:54,000

And that could mean the difference between life and death.

624

00:42:54,000 --> 00:42:59,000

In this test, we decelerated drastically before hitting the moose.

625

00:42:59,000 --> 00:43:01,000

And there is not as much damage.

626

00:43:01,000 --> 00:43:03,000

I mean, you still don't want to hit a moose.

627

00:43:03,000 --> 00:43:04,000

It's a bad thing.

628

00:43:04,000 --> 00:43:07,000

But if I was driving, I would try to brake.

629

00:43:07,000 --> 00:43:13,000

But they've also noticed that the moose hit higher when the car went faster.

630

00:43:13,000 --> 00:43:16,000

This myth might have some mileage after all.

631

00:43:16,000 --> 00:43:27,000

I'm starting to think that if you speed up, if you accelerate like in the myth, it might actually hit even higher.

632

00:43:27,000 --> 00:43:32,000

Now, whether it's going to clear the car, I'm not entirely convinced of yet.

633

00:43:34,000 --> 00:43:35,000

All right, you guys, this is it.

634

00:43:35,000 --> 00:43:37,000

This is what the myth is all about.

635

00:43:37,000 --> 00:43:38,000

That's right, man.

636

00:43:38,000 --> 00:43:42,000

We're going to drive 45 miles an hour towards the moose, 30 feet before we hit it.

637

00:43:42,000 --> 00:43:44,000

We're going to speed up and see what happens.

638

00:43:44,000 --> 00:43:48,000

So we can definitely see if there's a difference between speeding up or slowing down if you're going to hit the moose.

639

00:43:48,000 --> 00:43:50,000

So what do you think is going to happen?

640

00:43:50,000 --> 00:43:53,000

Oh, I think we're going to do some serious damage to both the moose and the car.

641

00:43:53,000 --> 00:43:57,000

Lucy gets pieced back together for the big show.

642

00:43:57,000 --> 00:43:59,000

All right, good as new.

643

00:43:59,000 --> 00:44:03,000

And fearless Ted gets dragged back behind the wheel.

644

00:44:03,000 --> 00:44:05,000

Snap out of it.

645

00:44:05,000 --> 00:44:08,000

This is the test that might confirm the myth.

646

00:44:08,000 --> 00:44:15,000

Just 30 feet short of certain catastrophe, driver Brian's been told to hit the gas.

647

00:44:16,000 --> 00:44:18,000

All right, this is acceleration test.

648

00:44:18,000 --> 00:44:19,000

Ready, kid?

649

00:44:19,000 --> 00:44:20,000

We are ready.

650

00:44:20,000 --> 00:44:21,000

We are ready.

651

00:44:21,000 --> 00:44:22,000

Okay.

652

00:44:22,000 --> 00:44:24,000

One, go.

653

00:44:24,000 --> 00:44:26,000

10 miles an hour.

654

00:44:26,000 --> 00:44:28,000

20 miles an hour.

655

00:44:28,000 --> 00:44:30,000

40 miles an hour.

656

00:44:30,000 --> 00:44:32,000

45.

657

00:44:32,000 --> 00:44:34,000

Accelerate.

658

00:44:40,000 --> 00:44:41,000

That was great.

659

00:44:41,000 --> 00:44:42,000

Wow.

660

00:44:42,000 --> 00:44:44,000

Did you see how high the moose got on that hit?

661

00:44:44,000 --> 00:44:47,000

It looked like it got higher than any of the other hits.

662

00:44:47,000 --> 00:44:48,000

Big, big damage.

663

00:44:48,000 --> 00:44:49,000

And look at the glass.

664

00:44:49,000 --> 00:44:51,000

It sprayed all over.

665

00:44:51,000 --> 00:44:55,000

At the point of impact, the car hits 51 miles per hour.

666

00:44:58,000 --> 00:44:59,000

Oh my God, look.

667

00:44:59,000 --> 00:45:01,000

It broke the back window out.

668

00:45:01,000 --> 00:45:02,000

Oh.

669

00:45:02,000 --> 00:45:03,000

Wow.

670

00:45:03,000 --> 00:45:07,000

Dude, that moose flew higher than any of the test.

671

00:45:09,000 --> 00:45:11,000

But it didn't clear the car.

672

00:45:11,000 --> 00:45:16,000

The side pillars are crushed and the roof is peeled back like a sardine tin.

673

00:45:16,000 --> 00:45:17,000

Look at this.

674

00:45:17,000 --> 00:45:20,000

It totally bent the midsection of the car down.

675

00:45:20,000 --> 00:45:21,000

Look at the back seat.

676

00:45:21,000 --> 00:45:22,000

It went to the back seat.

677

00:45:22,000 --> 00:45:23,000

It went, whoosh.

678

00:45:23,000 --> 00:45:25,000

So what do you think?

679

00:45:25,000 --> 00:45:26,000

Going faster?

680

00:45:26,000 --> 00:45:28,000

It doesn't look like it's a better tactic.

681

00:45:28,000 --> 00:45:31,000

Unless you want to get your car more damaged.

682

00:45:31,000 --> 00:45:34,000

I mean, you are accelerating.

683

00:45:34,000 --> 00:45:36,000

You're hitting with greater force.

684

00:45:36,000 --> 00:45:38,000

More speed is more energy.

685

00:45:38,000 --> 00:45:40,000

That's crazy.

686

00:45:40,000 --> 00:45:41,000

Myth busted.

687

00:45:41,000 --> 00:45:42,000

Myth busted.

688

00:45:42,000 --> 00:45:43,000

Busted.

689

00:45:43,000 --> 00:45:44,000

Just like all these cars.

690

00:45:44,000 --> 00:45:49,000

Okay, it's busted, but all these cars are mid-sized sedans.

691

00:45:49,000 --> 00:45:52,000

What if your car is a low-profile coupe?

692

00:45:52,000 --> 00:45:57,000

The roof is lower, so Lucy might sail right over the top.

693

00:45:57,000 --> 00:46:00,000

But Carrie's already made her mind up.

694

00:46:00,000 --> 00:46:03,000

Personally, I think people are watching way too many cartoons

695

00:46:03,000 --> 00:46:05,000

and getting their physics from Wiley Coyote.

696

00:46:05,000 --> 00:46:08,000

I mean, when he goes off a cliff, he hangs there for a minute before he falls.

697

00:46:08,000 --> 00:46:13,000

I think they're seeing that the moose gets hit, and kind of hangs there, and then drops.

698

00:46:13,000 --> 00:46:14,000

This is not possible.

699

00:46:14,000 --> 00:46:16,000

Well, let's see.

700

00:46:16,000 --> 00:46:21,000

This time, Brian's simple brief is to put his foot down all the way.

701

00:46:21,000 --> 00:46:23,000

This is full speed test.

702

00:46:23,000 --> 00:46:25,000

We're giving it everything we got.

703

00:46:25,000 --> 00:46:27,000

Right, low-profile car.

704

00:46:27,000 --> 00:46:28,000

This is it.

705

00:46:28,000 --> 00:46:31,000

All right, Brian, hit it.

706

00:46:31,000 --> 00:46:32,000

There you go.

707

00:46:32,000 --> 00:46:34,000

Oh my gosh.

708

00:46:34,000 --> 00:46:35,000

Oh my gosh.

709

00:46:35,000 --> 00:46:37,000

Oh my god, it's going so fast.

710

00:46:37,000 --> 00:46:38,000

There's smoke coming out.

711

00:46:38,000 --> 00:46:40,000

Oh my gosh.

712

00:46:40,000 --> 00:46:53,000

That was a rush.

713

00:46:53,000 --> 00:46:57,000

The car hits 75 miles per hour.

714

00:46:57,000 --> 00:47:01,000

Lucy's lost her legs, the car is caved in,

715

00:47:01,000 --> 00:47:07,000

Ted's a sad statistic, and this myth is double busted.

716

00:47:07,000 --> 00:47:12,000

This hit was hard enough to knock the ears off of our moose and the antlers.

717

00:47:12,000 --> 00:47:14,000

That's kind of an impact.

718

00:47:14,000 --> 00:47:15,000

That's pretty crazy.

719

00:47:15,000 --> 00:47:18,000

The moose is coming down on the car.

720

00:47:18,000 --> 00:47:20,000

No matter what you do, you're crashing.

721

00:47:20,000 --> 00:47:22,000

You know what, I have a whole new respect for moose.

722

00:47:22,000 --> 00:47:25,000

I hope I never run into one on the road.

723

00:47:25,000 --> 00:47:30,000

If I do, I'm definitely not going to speed up and try to take his legs out.

724

00:47:30,000 --> 00:47:33,000

I mean, we've shown it.

725

00:47:33,000 --> 00:47:36,000

Unless the moose you hit is a world-class gymnast,

726

00:47:36,000 --> 00:47:41,000

speeding up will not save you or your car.

727

00:47:41,000 --> 00:47:46,000

I did a little research and it turns out that there are no commercially produced vehicles in the world

728

00:47:46,000 --> 00:47:49,000

that are capable of driving under our moose without damage.

729

00:47:49,000 --> 00:47:53,000

In fact, the only way that this could work is if you're driving a Formula One car

730

00:47:53,000 --> 00:47:56,000

at over 97 miles per hour.

731

00:47:56,000 --> 00:47:57,000

On the snowy roads of Alaska.

732

00:47:57,000 --> 00:47:58,000

Yeah, that's a thing.

733

00:47:58,000 --> 00:48:01,000

Yeah, that's never going to happen unless the moose is a race fan.

734

00:48:01,000 --> 00:48:02,000

So this one's still busted.

735

00:48:02,000 --> 00:48:03,000

Busted.